

IN THE CLAIMS:

Please amend claims 1, 3-5 and 8-18 as follows:

1. (Currently amended) An apparatus for downloading an initialization file ~~download apparatus of for~~ a cable modem comprising:

- a tuner unit for tuning and outputting a plurality of downstream signals and upstream signals ~~being transmitted and received and outputting them~~;
- a downstream unit for demodulating the downstream signals ~~inputted~~ from the tuner unit and separating a general data and ~~an~~ from a MAC management message;
- a message processor for detecting configuration file name information and MAP information according to the MAC management message ~~inputted~~ from the downstream unit;
- a non-volatile memory for storing the configuration file name information detected ~~from~~ by the message processor;
- a CPU for controlling the message processor; and
- an upstream unit for generating/modulating the upstream signal according to the MAP information detected ~~from~~ by the message processor.

2. (Original) The apparatus of claim 1, wherein the general data of the downstream unit is transmitted to a display unit that can be viewed by a user through an MPEG 2 transport stream interface, and the MAC management message is transmitted to the message processor.

3. (Currently amended) The apparatus of claim 1, wherein the message processor stores the detected configuration file name information in the non-volatile memory only when the detected configuration file name information is a more lately updated one ~~recent version~~ than the configuration file name information previously stored in the non-volatile memory.

4. (Currently amended) The apparatus of claim 1, wherein the CPU compares the configuration file name information detected by the message processor ~~and to~~ the configuration

file name information stored in the non-volatile memory; and selects the configuration file name information of a ~~higher~~later version.

5. (Currently amended) The apparatus of claim 1, wherein the message processor parses the format of the detected configuration file name information into a configuration file name part and a configuration file version part ~~on the border of~~with a delimiter part therebetween.

6. (Original) The apparatus of claim 5, wherein the format of the configuration file name information includes a file name part indicating a configuration file name, a file version part indicating a configuration file version information, and a delimiter part differentiating the file name part and the file version part.

7. (Original) The apparatus of claim 1, wherein the non-volatile memory stores the configuration file name information for initializing the cable modem.

8. (Currently amended) An initialization file ~~of for a cable modem, the initialization file comprising~~ having a format of a configuration file, ~~that is, an initialization file downloaded to an apparatus for downloading an initialization file of a cable modem, and further comprising:~~
a file name part indicating a configuration file name;
a file version part indicating a configuration file version information; and
a delimiter part ~~differentiating between~~between the configuration file name part and the configuration file version part.

9. (Currently amended) The initialization file of claim 8, wherein the configuration file version information is ~~displayed by encoding it~~encoded together with the configuration file name in a boot file name region of a dynamic host configuration protocol (DHCP) message format.

10. (Currently amended) The initialization file of claim 8, wherein the ~~configuration~~ file version part indicates the file version information as one of a time value defined in an RFC868, a time protocol, ~~or in and~~ a string form of number information.

11. (Currently amended) A method for downloading an ~~An~~ initialization file ~~download method of for a cable modem, the method~~ comprising the steps of:

registering configuration file name information in a DHCP server;
receiving the configuration file name information registered in the DHCP server;
comparing the received ~~first~~-configuration file name information with a-previously stored ~~second~~-configuration file name information;

downloading the received first configuration file name information; if one of the name and the version of the received ~~first~~-configuration file ~~name/version name~~ information is more ~~updated-recent~~ file than the ~~second- previously stored~~ configuration file ~~name/version upon comparison name~~ information;

updating the memory with the downloaded ~~first~~-configuration file name information; and
registering a cable modem by using the ~~received first~~ stored configuration file name information.

12. (Currently amended) The method of claim 11, wherein ~~the step of~~-receiving configuration file name information comprises:

parsing the first configuration file name information as received into a file name part and a file version ~~information~~-part.

13. (Currently amended) The method of claim 11, wherein ~~the step of~~-comparing the ~~first-received~~ configuration file name information with the previously stored ~~second~~-configuration file name information, ~~comprising~~ comprises:

comparing a file name of the received ~~first~~-configuration file name information ~~and that~~ with the name of the stored ~~second~~-configuration file name information;

downloading the first-received configuration file name information if the first-received configuration file name and the second-stored configuration file name are different to each other; and

comparing the first-received configuration file version information ~~and to the second stored configuration file version information~~ if the first-received configuration file name is identical to the second-stored configuration file name; and downloading the first-received configuration file name information if the first-received configuration file version information is ~~higher~~ more recent than the second-stored configuration file version.

14. (Currently amended) The method of claim 13, wherein ~~the comparing step~~ further comprises:

performing a registration process of a the cable modem by using the stored second configuration file name information, ~~if the first-received configuration file version information is one of older lower than or and the same as the second-stored configuration file version information.~~

15. (Currently amended) The method of claim 11, wherein the format of the configuration file name information comprises:

a file name part indicating a configuration file name;
a file version ~~information~~ part indicating a configuration file version ~~information~~; and
a delimiter ~~differentiating part between~~ the file name part and the file version ~~information~~ part.

16. (Currently amended) The method of claim 11, wherein the second-stored configuration file name information is downloaded ~~in the previous process~~ when of initializing the cable modem.

17. (Currently amended) A method for downloading an ~~An~~ initialization file download ~~method of for a cable modem, comprising the steps of:~~

constructing ~~the~~ a configuration file with a file name part, a file version part and a delimiter part and registering it ~~the configuration file~~ in a DHCP server;

receiving the ~~first~~ configuration file name information registered in the DHCP server;

parsing the received ~~first~~ configuration file name information into a file name part and a file version ~~information~~ part;

reading ~~the~~ previously downloaded ~~second~~ configuration file name information;

comparing the ~~first~~ received configuration file name and the ~~read second previously downloaded~~ configuration file name;

downloading the ~~first~~ received configuration file name information if the ~~first~~ received configuration file name and the ~~second previously downloaded~~ configuration file name are different ~~to each other~~, and comparing the ~~first~~ received configuration file version ~~information~~ and ~~to the second previously downloaded~~ configuration file version ~~information~~ if the received ~~first~~ configuration file name is identical to the ~~second previously downloaded~~ configuration file name; and

downloading the ~~first~~ received configuration file name information if the ~~first~~ received configuration file version ~~information~~ is ~~higher~~ more recent than the ~~second previously downloaded~~ configuration file version; and reading the ~~second previously downloaded~~ configuration file name information if the ~~first~~ received configuration file version ~~information~~ is ~~lower~~ one of older than or and the same as the ~~second previously downloaded~~ configuration file version ~~information~~; and

performing a registration process ~~by using one of the received the first~~ configuration file ~~version name~~ information ~~or and the second previously downloaded~~ configuration file ~~name~~ information ~~as selected~~ according to the comparison result.

18. (Currently amended) The method of claim 17, wherein if the ~~first~~ received configuration file ~~version name~~ information is an initialization file that is first inputted to the cable modem, the first configuration file ~~version name~~ information is stored in the memory and the registration process of ~~the cable modem~~ is performed ~~by using the first~~ received configuration file ~~version name~~ information.